What is Claimed is:

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[CLAIM 1] A film adhesive for sealing a plurality of chiptype devices on a substrate at one time, including an adhesive layer of an adhesive composition which exhibits a minimum value of a storage modulus of elasticity before curing from 1 x 10³ to 5 x 10⁵ Pa measured by using a dynamic visco-elasticity measuring apparatus while elevating the temperature from 80°C to 150°C at an elevating temperature rate of 2.4°C/min and at a shearing rate of 6.28 rad/sec and a storage modulus of elasticity after curing from 5 x 10⁵ to 5 x 10⁷ Pa measured by using a dynamic visco-elasticity measuring apparatus at a sample temperature of 150°C in a tensile mode at a measuring frequency of 6.28 rad/sec.

[CLAIM 2] A film adhesive for sealing according to claim 1,
wherein said adhesive layer includes a plurality of layers, and
the outermost layer of said layers, which is in contact with
the chip-type devices has a storage modulus of elasticity
before curing that is higher than those of the inner layers.

[CLAIM 3] A film adhesive for sealing according to claim 2, wherein the outermost layer has a storage modulus of elasticity before curing that is higher than that of the innermost layer by at least 0.2 X 10³ Pa.

[CLAIM 4] A film adhesive for sealing according to claim 1, wherein the adhesive composition used for said adhesive layer is a reactive hot-melt adhesive composition comprising a thermosetting resin component and a thermoplastic resin component.

[CLAIM 5] A film adhesive for sealing according to claim 4, wherein the reactive hot-melt adhesive composition comprises a mixture of a polymer comprising a vinyl group-containing

monomeric unit and a polymer comprising an epoxy groupcontaining monomeric unit, or a copolymer comprising vinyl group-containing monomeric unit and an epoxy group-containing monomeric unit.

[CLAIM 6] A film adhesive for sealing according to claim 4, wherein a fluidity of the reactive hot-melt adhesive composition is controlled by incorporation of a cross-linking structure in the polymer compound.

[CLAIM 7] A film adhesive for sealing according to claim 6, wherein the polymer or copolymer of the reactive hot-melt adhesive composition is cross-linked by an electron beam.

[CLAIM 8] A film adhesive for sealing according to claim 6, wherein the reactive hot-melt adhesive composition is one in which a precursor comprising a photo-cationic polymerization catalyst is photo-polymerized with the polymer or copolymer.

[CLAIM 9] A film adhesive for sealing according to claim 8, wherein said photo-polymerization is effected by irradiation of ultraviolet ray.

[CLAIM 10] A film adhesive for sealing according to claim 20 4, wherein the reactive hot-melt adhesive composition further comprises a rosin.

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[CLAIM 11] A film adhesive for sealing according to claim 4, wherein the adhesive composition comprises from 10 to 95% by mass of a thermosetting resin, from 4 to 80% by mass of a thermoplastic resin, and from 1 to 20% by mass of a rosin.

[CLAIM 12] A film laminate for sealing having a non-adhesive film on a film adhesive for sealing of any claim 1.

[CLAIM 13] A method of sealing chip-type devices, comprising the steps of:

30 1) arranging an adhesive layer of a film adhesive for sealing

or a film laminate for sealing of claim 1 to be contacted with the upper surfaces of a plurality of chip-type devices on a substrate having said plurality of chip-type devices; and

2) heating and press-adhering said film adhesive or laminate, and curing the film adhesive to seal said plurality of chiptype devices at one time.

[CLAIM 14] A sealing method according to claim 13, further comprising a step of singulating after said plurality of chiptype devices have been sealed.

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